

H.A

Notice of Allowability

Applicati n No.

10/829,465

Examiner

Peter Lee

Applicant(s)

EBIZUKA ET AL.

Art Unit

2852

-- The MAILING DATE f this communicati n appears on the cover sheet with the c rrespondenc address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to _____.
2. ☒ The allowed claim(s) is/are 1 and 2.
3. ☒ The drawings filed on 22 April 2004 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>20050119</u> . |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>4/22/2004</u> | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Steven M. Rabin on January 19, 2005.

The application has been amended as follows:

On page 1, lines 5-9, the specification has been amended as follows:

The invention relates to an electrophotographic photoreceptor unit (~~hereinafter also referred to simply as "photoreceptor"~~), and more particularly to an electrophotographic photoreceptor unit with an improved gear flange, which transmits rotational driving force from an electrophotographic device to a photosensitive drum or photoreceptor when the electrophotographic photoreceptor unit is used incorporated in a process cartridge ~~is used~~.

On page 1 line 11, after the word "photoreceptor" insert the word --unit--.

On page 1 line 14, after the word "photoreceptor" insert the word --unit--.

On page 1 line 19, after the word "photoreceptor" insert the word --unit--.

On page 2 line 3, after the word "photoreceptor" insert the word --unit--.

On page 2 line 13, after the word "photoreceptor" insert the word --unit--.

On page 2 line 17, after the word "photoreceptor" insert the word --unit--.

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On page 2 line 19, after the word "photoreceptor" insert the word --unit--.

On page 4 line 18, after the word "photoreceptor" insert the word --unit--.

On page 5 line 2, after the word "photoreceptor" insert the word --unit--.

On page 5 line 4, after the word "photoreceptor" insert the word --unit--.

On page 5 line 18, after the word "photoreceptor" insert the word --unit--.

On page 5 line 20, after the word "photoreceptor" insert the word --unit--.

On page 6 line 14, after the word "photoreceptor" insert the word --unit--.

On page 6 line 19, after the word "photoreceptor" insert the word --unit--.

On page 6 line 20, after the word "photoreceptor" insert the word --unit--.

On page 7 line 2, after the word "photoreceptor" insert the word --unit--.

On page 7 line 6, after the word "the" replace "flange gear" with --gear flange--.

On page 7 line 6, after the word "photoreceptor" insert the word --unit--.

On page 8 line 17, before the word "flange" insert the word --gear--.

On page 8 line 17, after the word "flange" replace the number "10" with --1--.

On page 8 line 19, before the word "flange" insert the word --gear--.

On page 8 line 19, after the word "flange" replace the number "10" with --1--.

On page 9 line 13, after the word "photoreceptor" insert the word --unit--.

On page 11 line 8, after the word "photoreceptors" insert the word --units--, and replace the word "photoreceptors" with the word --photoreceptor--.

On page 11 line 10, after the word "photoreceptor" insert the word --unit--.

On page 11 line 14, after the word "photoreceptor" insert the word --unit--.

On page 12 line 1, after the word "photoreceptor" insert the word --unit--.

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On page 12 line 6, after the word "photoreceptors" insert the word --units--, and replace the word "photoreceptors" with the word --photoreceptor--.

On page 13 line 2, after the word "photoreceptors" insert the word --units--, and replace the word "photoreceptors" with the word --photoreceptor--.

On page 13 line 9, after the word "photoreceptor" insert the word --unit--.

On page 13 line 14, after the word "photoreceptor" insert the word --unit--.

As to the claims:

According to claim 1, on page 14 line 2, after the word "photoreceptor" insert the word --unit--.

According to claim 2, on page 14 line 20, after the word "photoreceptor" insert the word --unit--.

Change the title of the application as such:

After the word "Photoreceptor" insert the word --Unit--.

2. The following is an examiner's statement of reasons for allowance:

The primary reason for allowance of claims 1-2 is the inclusion of having at least two protrusions projecting from a rotational driving force receiving surface being inclined in a direction opposing a rotational direction, which is found in all of claims 1-2, but not disclosed nor suggested by the prior art of record.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Foster et al. (US pn 5926673) is being cited for teaching projected protrusions similar to those being claimed, however are not inclined.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peter Lee whose telephone number is 571-272-2846. The examiner can normally be reached on mon-fri 9:00 am-5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Arthur Grimley can be reached on 571-272-2136. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PL 1/19/2005

A handwritten signature in black ink, appearing to read 'A. Grimley', with a stylized flourish at the end.

Arthur T. Grimley
Supervisory Patent Examiner
Technology Center 2800